

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on:

Date: January 16, 2007

By:   
Rena lov



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: DEBE, DEREK A. ET AL.

APPLICATION No.: 10/652,866

FILED: AUGUST 29, 2003

FOR: **SYSTEMS AND METHODS FOR SORTING  
PROTEIN SEQUENCES AND  
STRUCTURES FOR VISUALIZATION**

EXAMINER: BORIN, MICHAEL L.

ART UNIT: 1631

CONF. No: 1007

**AMENDMENT AND RESPONSE**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants hereby respond to the Office Action mailed July 14, 2006. Please enter the following paper, which includes:

**Amendment to the Specification**, beginning on page 2 of this paper.

**Amendments to the Claims**, beginning on page 6 of this paper.

**Remarks**, beginning on page 14 of this paper.